H.264 2-Megapixel PoE Network Camera

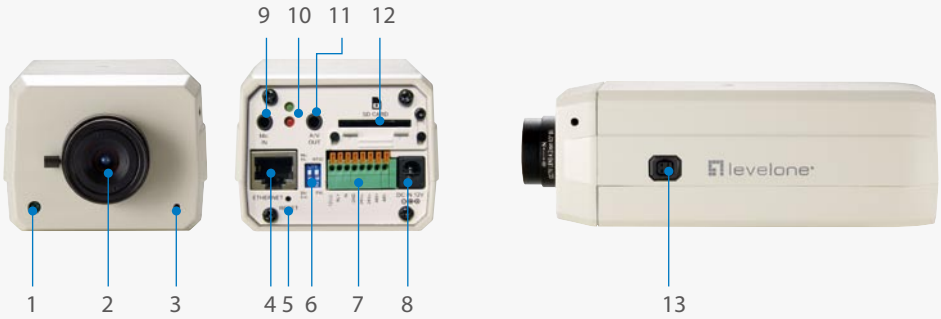
FCS-1151

H/W Version: 1

LevelOne FCS-1151 is a professional-series fixed network camera featuring super image quality and exceptional bandwidth efficiency. It is especially suitable for wide open spaces such as building entrances and airports, or applications requiring accurate identification, such as human faces in banks or vehicle license plates in parking lots.

Featuring a 2-Megapixel sensor, and H.264/MPEG-4/ MJPEG compression technology, video streams can be individually configured to meet different needs or bandwidth constraints, thereby further reducing bandwidth and storage requirements. Users can receive multiple streams simultaneously in different resolutions, frame rates and image qualities for viewing on different platforms.

Together with PoE, QoS, activity adaptive streaming, and the included 32-CH LevelOne IP CamSecure Lite surveillance management software, the FCS-1151 is indisputably the top choice for reliable and high performance surveillance.



1. Light Sensor
2. Lens
3. Built-in Microphone
4. LAN Port
5. Reset
6. MIC & Video Switch
7. GPIO
8. DC Power In
9. MIC in
10. LEDs
11. Audio / Video Out
12. SD/SDHC Card slot
13. 4-pin Auto Iris Connector

Key Features

- 2-Megapixel CMOS Sensor
- Removable IR-cut Filter for Day & Night Function
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Streams Simultaneously
- Video Cropping for Bandwidth Saving
- ePTZ for Data Efficiency
- Tamper Detection for Unauthorized Changes
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC Card Slot for On-board Storage
- *Free 32-CH Monitoring Software Included

Works Well With

FSW-0503
4 FE PoE + 1FE Switch

NVR-0216
16-CH Network Video Recorder

*Please visit www.level1.com for free 64-CH Monitoring Software (Supports iCamSecure Apple App and iOS Safari)

Technical Specification

Camera

Image Sensor

Image Sensor : 1/3.2" CMOS sensor
Picture Elements : 1600(H) x 1200(V)
Minimum Illumination : 0.1 lux @ F 1.2
Shutter Speed: 1/5 sec. to 1/40,000 sec.

Lens

Lens Type : Fixed lens (CS-mount)
Focal Length: f=4.2mm / F1.8
A.O.V. (HOR): 75°
Image Format : 1/3"
IR, MegaPixel

Video

Video

- Compression: H.264, MPEG-4 & MJPEG
- Streaming:
  Simultaneous multiple streams
  H.264 streaming over UDP, TCP, HTTP or HTTPS
  MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
  MPEG-4 multicast streaming
  MJPEG streaming over HTTP or HTTPS
- Supports activity adaptive streaming for dynamic frame rate control
- Supports video cropping for bandwidth efficiency
- Supports ePTZ for data efficiency
- Supports 3GPP mobile surveillance
- Frame rates:
  1600x1200 @ 15/12.5 fps
  1280x720 @ 30/25 fps
  800x600 @ 30/25 fps
- Interface:
  NTSC/PAL video output switch

Image Setting

- Adjustable image size, quality and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, contrast, saturation, sharpness, white balance and exposure
- AGC, AWB, AES
- Automatic, manual or scheduled day/night mode
- BLC (Backlight Compensation)
- Supports privacy masks

Zoom

Digital Zoom: 4x

Audio

Compression:

- GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
- MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
- G.711 audio encoding, bit rate: 64 kbps, μ-Law or A-Law mode selectable

Interface:

Built-in microphone
External microphone input
Audio/Video output
External/Internal microphone switch
Supports two-way audio via SIP protocol
Supports audio mute

Network

- 10/100 Mbps Ethernet, RJ-45
- Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1x
- Onvif Support

Security

- Multi-level user access with password protection
- IP address filtering
- HTTPS encrypted data transmission
- 802.1X port-based authentication for network protection

Mechanical

LED Indicator:

- System power and status indicator
- System activity and network link indicator

Alarm and Event Management

- Triple-window video motion detection
- Tamper detection
- One D/I and one D/O for external sensor and alarm
- Event notification using HTTP, SMTP or FTP
- Local recording of MP4 file

On-board Storage

- SD/SDHC card slot
- Stores snapshots and video clips

Users

- Live viewing for up to 10 clients

General

Hardware

Flash ROM: 128MB
SD RAM:256MB

Operating Temperature:

0°C ~ 50°C

Operating Conditions:

Humidity: 90% RH,

Power :

12V DC / 24V AC
Power consumption: Max. 8 W
802.3af compliant Power-over-Ethernet

Certification:

CE, FCC, RoHS Compliant

Dimension:

153 x 72 x 55 mm (L x W x H) (w/o lens)

Weight:

664g

Viewing System Requirements

Operating system

Microsoft Windows 2000, XP, Vista, 7

Web borwser

Mozilla Firefox, Safari, Internet Explorer 6.x or above

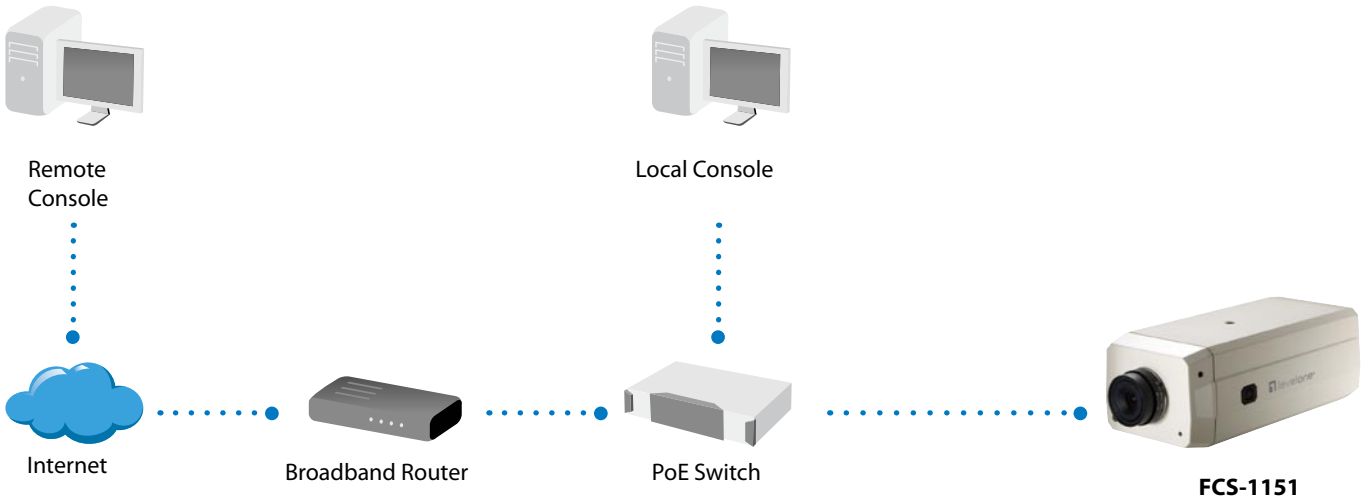
Cell phone viewer

3GPP player

Stream player

Real Player 10.5 or above
Quick Time 6.5 or above

Product Diagram



Order Information **FCS-1151:** H.264 2-Megapixel PoE Network Camera

Package Contents

FCS-1151
Power Adapter
Camera Stand
A/V cable
RJ-45 Ethernet LAN Cable
Quick Installation Guide
CD Manual / Utility

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